ESTIMATED MANURE APPLICATION RATES

SCENARIO # 3	Description:						
Check the one cropsituation	•		-				
Crop		Yield					
Corn Grain	0-100	101-125	126-150	151-175	176-200		
Corn Silage	0-17	18-21	22-25	26-29	30-33		
Small Grains	0-30	31-40	41-50	51-60	61-80		
Grass Forage	0-2	2-3	3-4	4-5	5-6		
Enter the amount of application		P2O5 per acre	that will be app	lied regardless of	<u>manure</u>		
	N	P ₂ O ₅	<u>-</u>				
Fertilizer			lb/A				
Check the previous situation Previous Crop			combination tha		<u>our</u>		
Alfalfa	<25%	25-50 %	>50 %				
Clover/Trefoil	<25%	25-50 %	>50 %				
Soybeans	0-20 bu/A	21-40 bu/A	>40 bu/A				
Check the manure	rate category that	is closest to yo	ur typical manu	re rate for this fiel	d		
Typical Rate Ex	xamples for Each (Category	• •		_		
	<u>Dairy</u>		Swine	<u>Poultry</u>			
1 Low>	15 ton/A or 6000	15 ton/A or 6000 gal/A		3 ton/A			
2 Medium>	25 ton/A or 9000	O gal/A	7500 gal/A	5 ton/A			
3 High>	35 ton/A or 1200	00 gal/A	10000 gal/A				
Check the manure	application freque	ncy that is typi	cal for the fields	s where this manua	re will be spread		
1 Rare	None or rarely	receives man	ure				
2 Frequent Receives manure 4 to 8 out of 10 years							
3 Continuous	Receives man	ure greater tha	n 8 out of 10				
Check the planned Winter	spreading season Spring	(select only on	e <u>)</u> Fall				
		_					



State___

Telephone: ____

Agricultural Analytical Services Laboratory The Pennsylvania State University 111 Ag Analytical Svcs Lab University Park, PA 16802

(814) 863-0841 aaslab@psu.edu www.aasl.psu.edu

Send additional copy of analysis to:

Address_____

State__

Email:__

MANURE ANALYSIS PROGRAM

This program is appropriate for animal manure or other similar organic agricultural waste products.

See enclosed sheet for sampling information and instructions

Fax: Email: Sample Identification:		Hard copy report required: If email addresses are listed, the lab will automatically email all lab results. Check this box if you require a hard copy lab report.					
STANDARD ANALYSIS REQUEST	ΓED:	INDIVIDUAL OR ADDITIONAL ANALYSES					
		REQUESTED:					
Manure Test 1: Percent solids, to phosphorus, potassium, ammoniu		pH\$10.00					
phosphorus, potassium, ammoniu	III IIItrogeii540.00	Percent Solids\$12.00					
Manure Test 2: Percent solids, to		Ash (volatile solids) \$12.00					
phosphorus, potassium, ammonius calcium, magnesium, sulfur, sodiu		Nitrate Nitrogen (NO ₃ -N)\$20.00					
zinc, manganese, iron, aluminum		Ammonium Nitrogen\$20.00 Carbon\$18.00 Calcium Carbonate Equivalence (CCE) \$27.00 *Phosphorus Source Coefficient (PSC)\$32.00 Email results (in addition to hard copy)\$1.00					
Total Cost \$							
Please submit check with sample to cove	on cost of analyses						
Make check payable to: The Pennsylvan	•						
Wake check payable to. The Fennsylvan	ua state University						
		Other (please contact lab)\$					
		*if submitted for Manure Test 1 or 2, PSC cost is \$20.00					
Check Type of Material Below:		Check Storage/handling System Below:					
	nure Other	Uncovered Earthen Storage-Bottom Loaded					
Animal Type	2	Uncovered Earthen Storage-Top Loaded					
Dairy Cattle	Swine:	Covered Storage-Bottom Loaded					
Poultry (Layers)	Farrow to wean	Covered Storage-Top Loaded					
Poultry (Broilers)	Farrow to feeder	Above Ground Storage-Bottom Loaded					
Turkeys	Wean to finish	Above Ground Storage-Top Loaded					
Beef Cattle	Grow-finish	Bedded Pack or Litter					
Other Other		Fresh-No Storage					
If phytase was used in feed, check here:		Other					
☐ Phytase used							

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ESTIMATED MANURE APPLICATION RATES

						SCENARIO # 2	Description:		_		
SCENARIO # 1	Description:		_			Check the one crop	p and yield combi	ination that bes	t describes your		
Check the one crop	o and yield combi	ination that best	t describes your			<u>situation</u> Crop				Yield	
situation						Crop Corn Grain	0-100	101-125	126-150	151-175	176-200
Crop				11010	456.000	Corn Silage	0-100	18-21	22-25	26-29	30-33
Corn Grain	0-100	101-125	126-150	151-175	176-200	Small Grains	0-17	31-40	41-50	51-60	61-80
Corn Silage	0-17	18-21	22-25	26-29	30-33	Grass Forage	0-30	2-3	3-4	4-5	5-6
Small Grains	0-30	31-40	41-50	51-60	61-80	Grass Forage	0-2	2-3	5-4	4-3	3-0
Grass Forage	0-2	2-3	3-4	4-5	5-6						
						Enter the amount of	of fertilizer N, and	d P2O5 per acre	e that will be app	olied regardless of	<u>manure</u>
Enter the amount of	of fertilizer N, and	l P2O5 per acre	that will be app	olied regardless of	manure	<u>application</u>	N	P ₂ O ₅			
application	N	PaOs				Fertilizer		- 2 - 3	lb/A		
Fertilizer	IN	P ₂ O ₅	lb/A			T Grunner			10/11		
rennizer			10/A			Check the previous	s legume crop and	d stand or vield	combination tha	at best describes vo	our
Check the previous	s laguma crop and	d stand or viold	combination the	at hast describes v	iour.	situation				,	<u></u>
situation	s legume crop and	a stand or yield	combination tha	at best describes y	<u>our</u>	Previous Crop		Stand/	Yield		
Previous Crop		Stand/	Yield			Alfalfa	<25%	25-50 %	>50 %		
Alfalfa	<25%	25-50 %	>50 %			Clover/Trefoil	<25%	25-50 %	>50 %		
Clover/Trefoil	<25%	25-50 %	>50 %			Soybeans	0-20 bu/A	21-40 bu/A	>40 bu/A		
Soybeans	0-20 bu/A	21-40 bu/A	>40 bu/A								
						Check the manure	rate category that	t is closest to yo	our typical manu	re rate for this fiel	<u>ld</u>
Check the manure	rate category that	t is closest to yo	our typical manu	re rate for this fie	<u>ld</u>	Typical Rate Ex	xamples for Each	Category			
Typical Rate E	xamples for Each	Category					<u>Dairy</u>		<u>Swine</u>	<u>Poultry</u>	
	<u>Dairy</u>		<u>Swine</u>	<u>Poultry</u>			15 ton/A or 600	-	5000 gal/A	3 ton/A	
1 Low>	15 ton/A or 600	00 gal/A	5000 gal/A	3 ton/A		2 Medium>	25 ton/A or 90	00 gal/A	7500 gal/A	5 ton/A	
2 Medium>	25 ton/A or 900	00 gal/A	7500 gal/A	5 ton/A		3 High>	35 ton/A or 120	000 gal/A	10000 gal/A	7 ton/A	
3 High>	35 ton/A or 120	000 gal/A	10000 gal/A	7 ton/A							
			-			Check the manure	application frequ	ency that is typ	ical for the field	s where this manu	re will be spread
Check the manure	application frequ	ency that is typ	ical for the field	s where this manu	ire will be spread	1 Rare	None or rare	ly receives man	uira		
4.5						2 Frequent		nure 4 to 8 out			
1 Rare	None or rarely receives manure Receives manure 4 to 8 out of 10 years			3 Continuous		nure greater th	-				
2 Frequent 3 Continuous						2 Commuous	1100017051114	nare greater in	0 041 01 10		
5 Continuous	Receives mai	nure greater tha	an 8 out of 10			Check the planned	spreading seasor	n (select only or	ne)		
Check the planned spreading season (select only one)											
•						Winter	Spring	Summer	Fall		
Winter	Spring	Summer	Fall								

ESTIMATED MANURE APPLICATION RATES